SBR no. 116/15-16

30-9-15

P.W.G. 17 1st and final Bill

NO

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

Reference paras 158 & 170

Division Yelahanka

Bills received No

YNK-DRR No. 206
Date 30.09.15

Sub division Yelahanka New Town Date

Sub-divisional
Divisional
Head of account

Cash book vr No
Date

Scheduled Docket No

Name of work(as per sanctioned estimate) :-

Work code:004-15-000023

NAME OF WORK :Construction of concrete roads 22nd cross in 3rd phase beside TATA institite in ward no 04

Name of contractor and full address :- N Lokanathreddy

Reference to agreement No :- 92 Estimated cost :19.99 W.O.No:92/14-15, dt:07/08/2015

Certified that the measurments were taken by me on 30/9/15 and recorded on pages 30 to 42 of measurment book No 2148 and the work is satisfactorily executed by the contractor.

N. Lokanathreddy

Signature of contractor

Assistant Engineer

Certified that the measurments were taken by me on 30/9/15 and recorded correct.The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-divisional officer

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being-----percent Rs----------%--------		
3)		
4) Deduct payments Balance---	1st & Final	2017997=00
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount	I.S.D	100900:00
	I.T	20180:00
	K.S.T	80720:00
b) Cost of payments/stores or other materials supplied now made recovery of Amount paid on this bill by cheque/cash	E.W.F	20180:00
	C.B.F	2020-00
	Royalty	21567:00
Total	T.D	245567:00
5). Balance being unpaid value of work done held in reserve		
6) Deduct cash of advance made on divisional/sub divisional cash book	Net	1772430
7) Net amount due to or from contractor.		
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied.		
TOTAL AMOUNT UN-ADJUSTED		

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office---------- 2017997:00

of payment as per memorandum

(in final settlement of all demand)

Witness

1) N. Lokanathreddy

2)

Received Stamp

1772430:00

and Rs. 245567:00

Dated signature of contractor

paid by me cheque No dated

Cash Rs

Date Initials of officer making payment Date Executive Engineer

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	Removing B.S slab of drain and stacking	sqm			369.60 366.8	60.94	22523.42 22352.00	369.60	22523.42 22352.00
2	Refixing stone slabs of drains and pointing in CM(1:3)	Sqm			369.60 366.8	78.99	29194.70 28972.00	369.60	29194.70 28972.00
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete **do 7.5 cms** thick	sqm			158.40 157.2	668.07	105822.29 105020.00	158.40	105822.29 105020.00
4	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift up to 1.5m,excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no 138, PWD SR 2014-15)	Cum			62.50 49	83.00	5187.50	62.50	5187.50
5	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2014-15)	Cum			216.75	285.00	61773.75	216.75	61773.75
					120.54	276.48	33326.90	120.54	33326.90

6	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1,4.2(Item no4.3,Page no12,PWD SR 2014-15)	Cum				68.45	5300.00	362785.00	68.45	362785.00
7	KSRRB 4.1:6Providing and laying in position plain cement concrete mix 1:2:4 with cement @240kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15cms thick well compacted,in foundation,plinth and cills,including cost of all materials, labour, HOM of machineries, curing complete as per specifications. Specification no 4.1,4.2 (Page.12 & Item No. 4.6)	Cum				52.50	5860.00	307650.00	52.50	307650.00
						27.67	5566.85	154034.74	27.67	154034.74

8	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.27)	Sqm				124.00	1038.21	128738.04	124.00 122.8	128738.04 127492.00
9	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with super plasterise @ 3lts conforming etc as per specification&direction of the engineer incharge of work(pwd sr2014-15,p.no13,sno4.11)	Sqm				12.15	6600.00	80190.00	12.15	80190.00
10	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe550(pwd sr 2014-15,p.no17,s.no 4.46)	Sqm				12.15	8600.00	104490.00	12.15	104490.00

11	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters,bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecification. Specification no.KBS 4.6.2 (pwd sr2014-15,p.no15/4.31)	Sqm			38.28	320.00	12249.60	38.28	12249.60
12	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No 171, I.No 22.7)	**Cum**			436.80	101.56	44361.41	436.80	44361.41
13	Providing groove cutting for width of 5 mm to 10mm and depth 80mm-100 mm including cost of cutting machine, generator & HOM of machinery, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications for concrete payment, (P.No 172, I.No 22.8)	Sqm			21.00	129.78	2725.38	21.00	2725.38
14	Providing and fixing precast RCC slabs as per approved designb	Sqm			31.73	1365.00	43311.45	31.73	43311.45
					219.38	1300.90	285391.44	219.38	285391.44

4 216.94 282217 216.94

15	KSRRB 500-1.2 : Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. Specification No. KRBS 500-2 MORT & H Specification No. P.No 157. I.21.2)	Sqm			239.6 240.00	3.02	723.5 ~~724.80~~	240.00 239.6	~~724.80~~ ~~723.5~~
16	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification: 406 (PWD SR 2014-15 P.N.154 It 20.18)	Cum			35.56	1450.00	51562.00	35.56	51562.00

17	KSRRB M500-6,Providing and applying primer coat with S.S.bitumen emulsion on prepared surface of granular base such as WBM,WMM including cleaning of road surfase and spraying primer at the rate of .60kg/Sqm using mechanical means complete as per specifications. MORTH SpecificationsNo502 (ITEMNO21.6,Page no157,PWD SR 2014-15)	Sqm			360.00	35.21	12675.60	360.00	12675.60
18	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to compaction as per MORTH specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509	Cum			14.40	10195.00	146808.00	14.40	146808.00

19	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/ sand/kanker/ Moorum. KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no 130, PWD SR 2014-15)	Cum			299.25	70.00	20947.50	299.25	20947.50
					100.54	71.09	7147.39	100.54	7147.39
							2022417.96		2022417.96

AE
Ward no:04

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP, Bangalore